

JF, 1764

Docket No. 213127US0PCT

IN RE APPLICATION OF: Heiko MAAS, et al.

SERIAL NO: 09 914,532

FILED: August 30, 2001

FOR: METHOD FOR OLIGOMERIZING  $\alpha$  OLEFINS

BOX AF

1764

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an Amendment Under 37 CFR 1.116 w Marked-up Copy in the above-identified application.

No additional fee is required  
 Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.  
 Additional documents filed herewith: Experimental Report; Copy: In re Carleton

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	8	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			x \$280 =	\$0.00
					TOTAL OF ABOVE CALCULATIONS	\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			x \$40 =	\$0.00
					TOTAL	\$0.00

A check in the amount of \$0.00 is attached.  
 Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.  
 If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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RESPONSE UNDER 37 CFR 1.116-  
EXPEDITED PROCEDURE EXAMINING  
GROUP 1769

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

HEIKO MAAS ET AL

: EXAMINER: DANG, T. D.

SERIAL NO: 09 914,532

:

FILED: AUGUST 30, 2001

: GROUP ART UNIT: 1764

FOR: METHOD FOR OLIGOMERIZING :  
c6 OLEFINS

RECEIVED  
APR 22 2003  
GROUP 1769

AMENDMENT UNDER 37 CFR 1.116

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Responsive to the Final Office Action dated January 17, 2003, Applicants respectfully request reconsideration of the above-identified application in view of the following amendment and remarks.

IN THE CLAIMS

Please cancel Claim 5.

Please amend the claims as follows:

1. (Amended) A process for oligomerizing C<sub>n</sub>-olefins by reaction of a C<sub>n</sub>-olefin-containing reaction mixture over a nickel-containing fixed-bed catalyst, comprising from 10 to 70% by weight of nickel oxide, from 5 to 30% by weight of titanium dioxide and/or zirconium dioxide and from 0 to 20% by weight of aluminum oxide as significant active constituents and silicon dioxide as the remainder, wherein the reaction over the fixed-bed